

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
29 December 2004 (29.12.2004)

PCT

(10) International Publication Number  
**WO 2004/112840 A3**

- (51) International Patent Classification<sup>7</sup>: **A61K 49/08**, 49/14
- (21) International Application Number:  
PCT/IB2004/002210
- (22) International Filing Date: 17 June 2004 (17.06.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
03/07694 25 June 2003 (25.06.2003) FR  
60/505,423 25 September 2003 (25.09.2003) US
- (71) Applicant: GUERBET [FR/FR]; 15, rue des Vanesses, F-93420 Villepinte (FR).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **PORT, Marc** [FR/FR]; 86, rue de Verdun, F-95170 Deuil la Barre (FR). **ROUSSEAU, Olivier** [FR/FR]; 18 av. Val d'Aunette, F-60300 Senlis (FR). **MEDINA, Christelle** [FR/FR]; Domaine de Vaires, F-77360 Vaires Sur Marne (FR). **COROT, Claire** [FR/FR]; 104 Rue Tronchet, F-69006 Lyon (FR). **GUILBERT, Irène** [FR/FR]; 121, avenue Paul Vaillant Couturier, F-94400 Vitry Sur Seine (FR). **RAYNAUD, Jean, Sébastien** [FR/FR]; 37 bd National, F-92500 Rueil Malmaison (FR).
- (74) Agents: **MARTIN, Jean-Jacques** et al.; Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**  
— with international search report  
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report:  
24 March 2005
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: PEPTIDE CONJUGATE FOR MAGNETIC RESONANCE IMAGING

(57) Abstract: The invention relates to new compounds and compositions for the imaging diagnostic of pathologies, namely for cardiovascular diseases, more precisely atherosclerosis disease. These compounds are contrast agents useful namely in the field of magnetic resonance imaging MRI and nuclear medicine. The compounds comprise a particular peptidic MMP inhibitor coupled with a signal entity.

WO 2004/112840 A3